

**AIWA****Model AR-823**

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**General Description:** Eight-transistor portable radio receiver with a maximum power output of 180mW. Power supply, D.C., 3 V,  $2 \times 1.5$  V.

**Frequency Ranges:** M.W.: 525–1650kHz. L.W.: 150–260kHz.

**Transistors:** TR<sub>1</sub> (2SA469), TR<sub>2</sub> (2SA49), TR<sub>3</sub> (2SA53), TR<sub>4</sub> (2SB470) and TR<sub>5</sub>, TR<sub>6</sub>, TR<sub>7</sub>, TR<sub>8</sub> (2SB169).

**Diode:** DI (IN60).

**Thermistor:** TH (22D27A).

**Circuit Diagram:** See page 408.

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**AIWA****Model AR-865**

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**General Description:** Eight-transistor portable radio receiver with a maximum output power of 180mW. Power supply, D.C., 3 V,  $2 \times 1.5$  V.

**Frequency Ranges:** M.W. (only): 525–1650kHz.

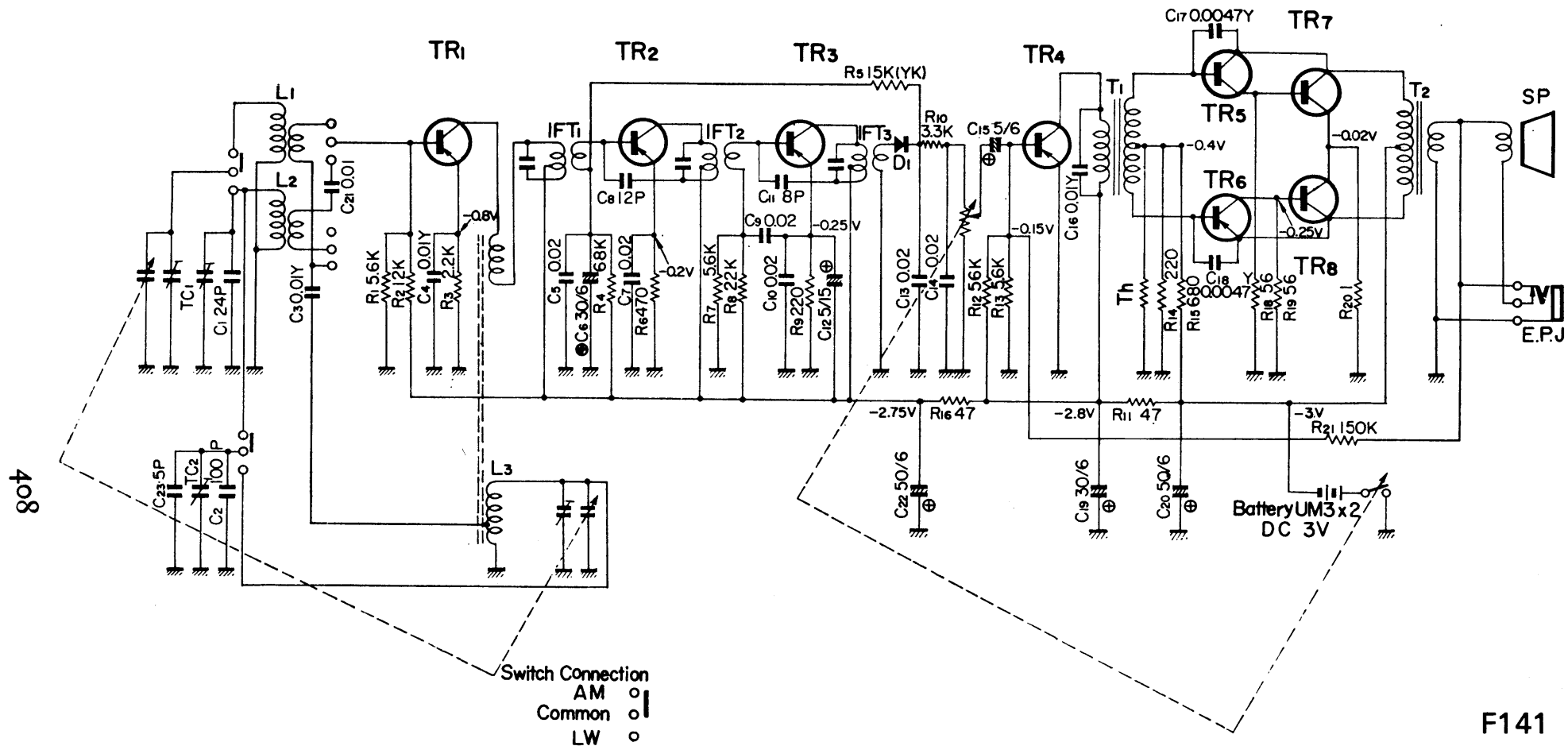
**Transistors:** TR<sub>1</sub> (2SA201), TR<sub>2</sub> (2SA201), TR<sub>3</sub> (2SA202), TR<sub>4</sub> (2SA203), TR<sub>5</sub> (2SB270), TR<sub>6</sub> (2SB270), TR<sub>7</sub> (2SB187) and TR<sub>8</sub> (2SB187).

**Diode:** D (IS426).

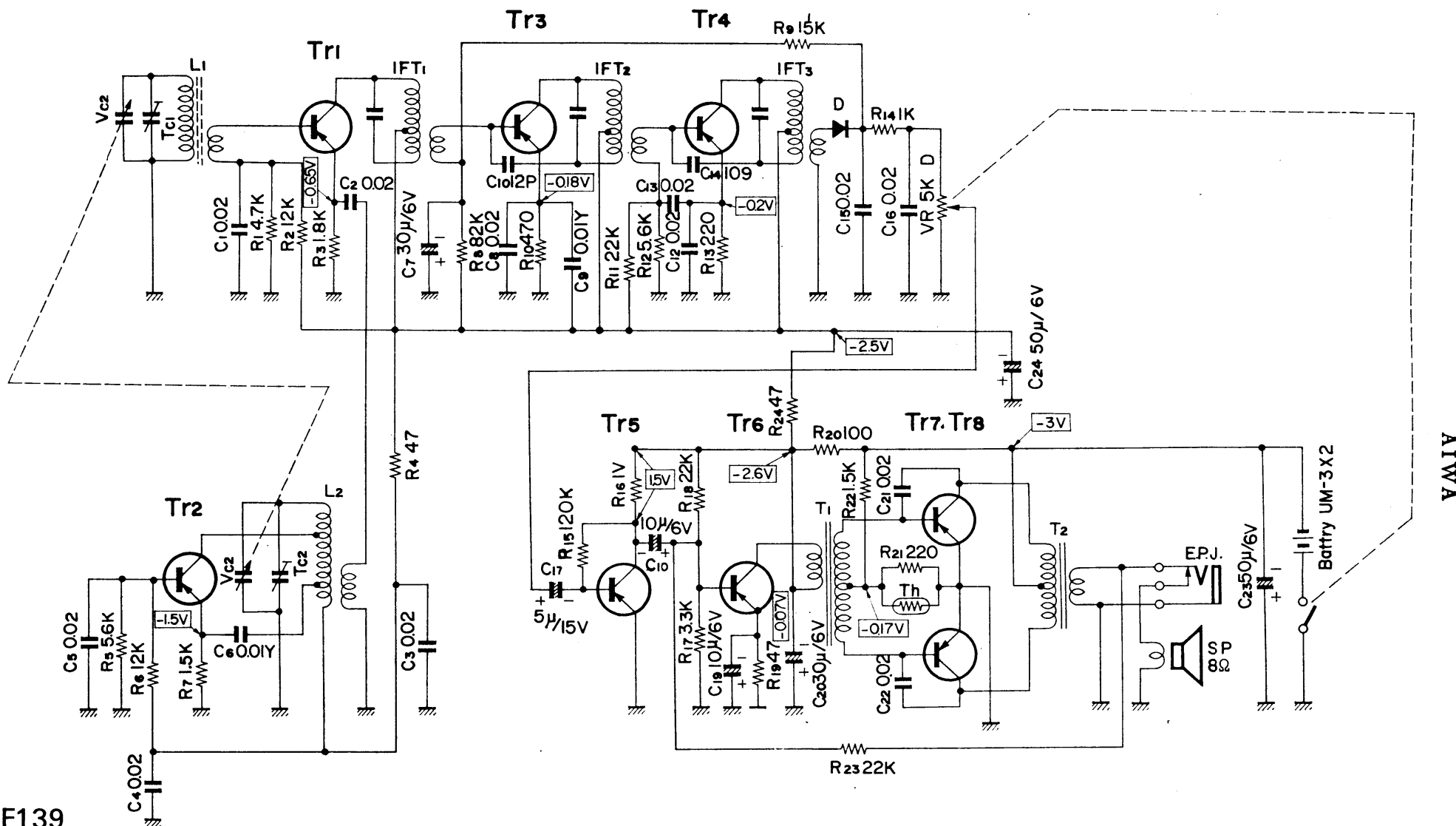
**Thermistor:** TH (22D-27A).

**Circuit Diagram:** See page 409.

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(F141) CIRCUIT DIAGRAM—MODEL AR-823 (See page 410)



(F139) CIRCUIT DIAGRAM—MODEL AR-865 (See page 410)